

FOR GLUE-DOWN APPLICATION

STEP 1. ZEPHYR® moisture vapor barrier & encapsulator
STEP 2. TAYLOR™ Adhesive

DESCRIPTION

Zephyr® is a simple way to protect what's on top. Engineered to fight moisture, Zephyr® can also be used as an encapsulator, eliminating the need to remove existing or cutback adhesive residue. It is uniquely adaptable to varying moisture levels depending on your needs.

APPROVED SUBSTRATES & SURFACES

- Concrete and radiant heated subfloors that do not exceed 85°F (30°C)
- Gypsum and lightweight concrete
- Well-bonded residue from multipurpose, latex and pressure sensitive adhesives

SUBSTRATE TESTING

ONE COAT

RH - 93% [ASTM F2170]
pH - No testing required (5-14)
MVER - 10 lbs [ASTM F1869]
Porosity - Must pass ASTM F3191

TWO COAT

RH - 95% [ASTM F2170]
pH - No testing required (5-14)
MVER - 15 lbs [ASTM F1869]
Porosity - Must pass ASTM F3191

SUBSTRATE & SURFACE PREPARATION

- All substrates or surfaces must be level, dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent proper absorption, including dust, dirt, solvent, paint, wax, oil, grease, adhesive removers, incompatible sealers, fire-retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- The substrate or surface and Zephyr® (and Taylor™ adhesive and flooring if applicable) must be acclimated in an enclosed building with the HVAC operational between 60-95°F (15-35°C), and between 30-65% relative humidity, for at least 72 hours before, during and after the installation.

When used as a moisture vapor barrier, substrate must be prepared per ASTM F710 standards including, but not limited to, the following:

- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with moisture-resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying product.
- When installing over radiant heated subfloors, turn the heat off for 24 hours before, during and after installation. When turning radiant heat back on, raise it incrementally, not to exceed a change of more than 5 degrees per hour to a maximum of 85°.

When used as an encapsulator for existing, well-bonded, acrylic latex, cutback adhesives or cutback adhesive residue:

- All adhesive ridges and high spots must be knocked down to a smooth, thin film and any loose material removed prior to application of Zephyr®.

PRECAUTIONARY NOTES:

- Concrete must be placed in strict accordance with applicable standards and specifications. An intact moisture vapor retarder must be present below the concrete (see ASTM E1745), must be fully cured (at least 45 days), porous (see ASTM F3191) and without hydrostatic pressure.
- Concrete must be a minimum of 2500 psi and without visible or standing water.

See next page for Application Instructions, Required Tool and Cleaning

APPLICATION INSTRUCTIONS

Follow flooring manufacturer’s guidelines for layout, design and any special precautions for installation.

1. Spread product using required tool (see tool chart below). Product can be used as a 1- or 2-coat system.


- When used as a two-coat system, allow the first coat to fully cure before applying the second coat perpendicular to the first coat.
- Cure time is approximately 1-2 hrs per coat under acceptable temperature and humidity conditions.

PRECAUTIONARY NOTES:

- Allow Zephyr® to fully cure before applying any product over top.
- Reseal lid when not in use to protect product.

REQUIRED TOOL AND COVERAGE

*Coverage is approximate and may vary depending on porosity of substrate.

Tool* (images not to scale)		Estimated Coverage
3/8" (10mm) Short nap paint roller		350 sf/gal (1 coat) 200 sf/gal (2 coats)

It is the sole responsibility of the contractor/installer to determine the proper porosity of the subfloor, apply the proper amount of product for the job conditions and ensure that all instructions, procedures and practices are strictly adhered to.

CLEANING INSTRUCTIONS

While product is still wet: use a damp cloth and water to remove. If experiencing difficulty removing, use Taylor Touchdown #9 adhesive remover/stripper, denatured alcohol or mineral spirits.

See next page for Product Characteristics

PRODUCT CHARACTERISTICS

Base Chemistry	Proprietary latex emulsion
Curing Method	Air dry
Appearance	Milky white, dries clear
Consistency	Light, low viscosity liquid
Application	Roller applied
Flammability	Non-flammable
Freeze/Thaw	Stable to 10°F (-12°C)
Shelf Life	2 years

MOISTURE

Moisture Control	Protects flooring up to 93% (1 coat) or 95% (2 coats) RH
RH	93% (1 coat) 95% (2 coats)
pH	No testing required (5-14)
MVER	10 lbs (1 coat) 15 lbs (2 coats)

TIME

Open Time	N/A
Dry Time	N/A
Working Time	N/A
Cure Time	1-2 hrs
Pot Life	N/A

TRAFFIC

Light Traffic	N/A
Heavy Traffic	N/A
Heavy Rolling Loads	N/A

SUSTAINABILITY

Solvents	None
Isocyanates	None
VOC (g/L) - SCAQMD Rule#1168	0
LEED Points	Contributes to low emitting materials
Certifications	Greenguard, FloorScore, CRI Green Label Plus

ACOUSTICS

IIC (Delta)	N/A
STC (Delta)	N/A

STORAGE

This product should be stored at temperatures between 50-90°F (15-32° C). While this product is freeze-thaw stable, it is necessary to protect it from freezing. Freeze/thaw stable to 10°F (-12°C).

CAUTION

DO NOT take internally. If swallowed, DO NOT induce vomiting. Call a physician immediately. KEEP OUT OF REACH OF CHILDREN.

WARRANTY INFORMATION

For warranty information, call Technical Services at **(800) 868-4583, Ext: 2221**, visit us on the web at **www.tayloradhesives.com** or e-mail us at **tech@tayloradhesives.com**. Flooring manufacturer's and Taylor's written pre-installation and installation instructions must be strictly followed or the Taylor warranty will be void.